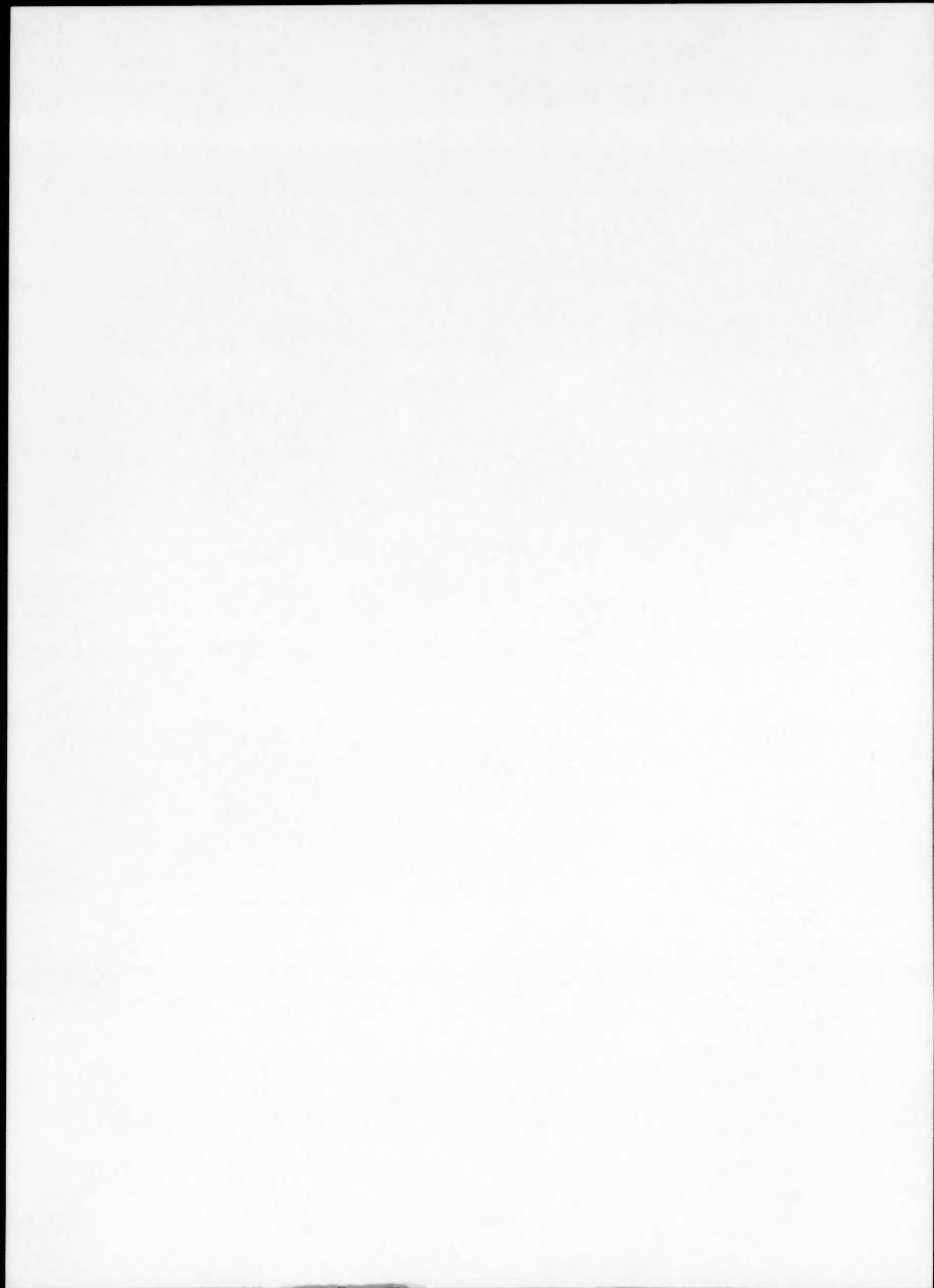




Author Index

- | | | |
|-----------------------------|---------------------------|---------------------------|
| Ahmad, F.B.H., 11 | Hemakanthi, G., 115 | Peña, A., 319 |
| Albano, M.P., 69 | Huynh, L., 79 | Provin, C., 225 |
| Arrigler, V., 315 | | |
| Balboul, B.A.A., 19 | Jenkins, P., 79 | Radwan, N.R.E., 57 |
| Beck, H.P., 289 | Jeong, M.-W., 247 | Ramasami, T., 115 |
| Bermejo-Perez, H.I., 159 | Juzheng, L., 145 | Reiterer, A., 279 |
| Brunette, J.-P., 225 | | Reyes-Bahena, J.L., 159 |
| Bu, L.-T., 151 | Khan, A.A., 123 | Rodríguez, C., 237 |
| Burgess, D.J., 271 | Khan, M.N., 11 | |
| | Kim, J.I., 289 | Salager, J.-L., 319 |
| Cardoso, A.H., 49 | Kim, Y.C., 247 | Sastry, M., 255 |
| Chanamai, R., 261 | Kralj-Iglič, V., 315 | Schaffer, T., 115 |
| Charmas, B., 1 | Kumar, A., 255 | Siffert, B., 91 |
| Chen, G., 151 | Kunieda, H., 237 | Sinn, G., 279 |
| Chidambaram, N., 271 | | Skubiszewska-Zięba, J., 1 |
| Chun, P.W., 183 | Leboda, R., 1 | Smith-Palmer, T., 171 |
| Cox, A.R., 205 | Leite, C.A.P., 49 | Song, S., 159 |
| | Limousy, L., 91 | Svetina, S., 315 |
| Dai, L.-R., 151 | Lopez-Valdivieso, A., 159 | |
| Degang, F., 145 | Luner, P.E., 31 | Takenaka, S., 303 |
| Dhathathreyan, A., 115 | | Takhistov, P., 131 |
| El-Shobaky, G.A., 57 | Mahzoul, H., 91 | Tayal, N., 123 |
| | Majhenc, J., 315 | Tondre, C., 225 |
| Feiler, A., 79 | Manh Thang, N., 289 | Tschegg, S., 279 |
| Feng, X., 303 | McClements, D.J., 261 | Turky, A.E.-M.M., 57 |
| | Mekhmer, G.A.H., 19 | Turov, V.V., 1 |
| Galembeck, F., 49 | Mishchuk, N., 131 | |
| Garcia, A.B., 69 | Möbius, D., 115 | Varshney, K.G., 123 |
| Garrido, L.B., 69 | Mogford, R., 205 | Vincent, B., 205 |
| Geckeis, H., 289 | Mu, J., 303 | |
| Gindl, M., 279 | Mukherjee, P., 255 | Wang, T.-W., 151 |
| Gindl, W., 279 | | |
| Gomišček, G., 315 | Nair, B.U., 115 | Xin, W., 145 |
| Gonzalez-Caballero, F., 131 | Naito, N., 237 | |
| Gu, Y., 215 | Niwas, R., 123 | Yanai, T., 303 |
| | Niyaz Khan, M., 99 | Yu, Z., 145 |
| Hamon, L., 91 | | |
| Harley, S., 205 | Oh, E., 31 | Zuhong, L., 145 |
| Hebrant, M., 225 | Oh, S.-G., 247 | |
| | Okamoto, H., 303 | |
| | Pelton, R., 171 | |



Subject Index

- Acoustophoresis, 79
Activated carbon, 205
ADSA technique, 215
Adsorption, 159
 Ag_2O , 57
 $\text{Al}(\text{OH})_3$ coating, 69
Amine, 247
Amine oxide, 247
Aminolysis, 99
Atomic force microscopy, 79

Backscattered electron imaging, 49
Bolaform extractant, 225
Bridging flocculation, 79

Carbonized silica, 1
Catalytic precursor, 91
Cationic micelles, 99
Cationic polyacrylamide, 171
Cationic surfactants, 11
CdS nanoparticles, 145
Cellulose ethers, 31
Colloidal particles, 255
Competition, 171
Concentration polarisation, 131
Contact angle, 159, 215, 279
Contact angles, 31
CTAB, 271
CuO, 57

Decomposition, 19
Derivatised polyisobutylene, 205
Desalination, 131
Dextran sulfate, 171
Dialysis studies, 271
DTA, 19
Dynamic emulsion inversion, 319
Dynamic light scattering, 271

Electroformation, 315
Electron-spin resonance, 237

Electroosmosis of the second kind, 131
Emulsions, 261
Europium, 225
Extraction, 225

Fibrous ion exchanger, 123
First-order hyperpolarizability, 145
Flocculation, 171, 261
Floc size, 159
Flow-field flow fractionation, 289
Fluorescence, 145
Formation, 19
Formulation–composition map, 319
Free surface energy, 1
Fulvic acid, 289

Gas-mass and surface acidity, 19
Giant phospholipid vesicles, 315

 H_2O_2 decomposition, 57
Humic acid, 289
Hydrolysis, 11
Hydrophobic flocculation, 159
Hydrophobization, 255
Hyper-Rayleigh scattering, 145

Innate temperature-invariant enthalpy, 183
IR XRD, 19
Isothermal titration calorimetry, 261

Kinetics, 11, 99

Langmuir–Blodgett films, 115
 $\text{La}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$, 19
 La_2O_3 , 19
Latex microchemistry, 49
LB films, 303
Lifshitz–van der Waals acid–base approach, 31
Limiting current, 131
Liquid crystal polysiloxanes, 303
Liquid crystals, 237

- Macrocrystals, 49
Mesoporous silica, 151
MgO doping, 57
Micellar shape, 271
Micelles, 11, 225
Mixed surfactant, 151
Modified Young equations, 215
Molecular weight distribution, 289
Monodisperse, 261
Monolayers, 303
Myelin-like protrusions, 315
- Naphthalene sulfonate formaldehyde condensates, 79
NH₄PA adsorption, 69
n-octadecyl succinic acid, 115
Non-DLVO forces, 79
- Particle interactions, 79
Pb(II) selective, 123
PbI₂ nanocrystals, 115
Perfluoroalkyl chain, 303
Phase-transfer, 255
Phenylazoaniline, 271
Phospholipid, 247
Phthalimide, 11, 99
Piperidine, 99
Planck–Benzinger thermal work function, 183
Polyacrylonitrile, 123
Polymer adsorption isotherms, 205
Polyoxyethylene cholesterol ether, 237
 ζ Potential, 159
Precipitated calcium carbonate, 171
- Quasi-isothermal Q-method, 1
- Rheological investigations, 79
- Salt effect, 99
Scanning electric potential microscopy, 49
SDS, 261
Self-arrayed latex, 49
- Sessile drop method, 279
Sessile drop method, line tension, 215
Silicon nitride, 69
Si₃N₄, 69
Slips viscosity, 69
Sodium phenylacetate, 11
Sodium sulfate, 11
Solid–oil–water systems, 215
Sphalerite fines, 159
Spruce wood, 279
Steric stabilisation, 205
Stirring energy, 319
Streaming induced potential, 91
Submicron emulsion, 247
Support impregnation, 91
Surface charge, 91
Surface free energy, 31, 279
Surface heterogeneity, 1
Surface modification, 145
Synthesis, 303
- Template, 151
TG, 19
Thermodynamic molecular switch in micellar systems, 183
Thorium phosphate, 123
Titania, 79
- Ultrafiltration, 225
- Vesicles, 237
Viscosity, 271
- Work of adhesion, 31
- Xanthate ions, 159
X-ray scattering, 237
- Zetametry, 91
Zeta potential, 247